

In place of  
PTO-1449  
Form

U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Complete if Known

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number 09/852,992  
Filing Date May 10, 2001  
Applicant(s) Weimer  
Art Unit 1762  
Examiner Name Unknown  
Attorney Docket Number 34003.30

SHEET 1 OF 1

U. S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date MM-DD-YYYY	Patentee or Applicant of Cited Document	Translation Y/N

OTHER PRIOR ART

Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume, issue number(s), publisher, city/country where published
Thm	AA	Schlegel et al., "Silver-Island Films as Substrates for Enhanced Raman Scattering: Effect of Deposition Rate on Intensity", <i>Anal. Chemistry</i> , 1991, Volume 63, pages 241-247
	AB	Van Duyne, et al., "Atomic Force Microscopy and Surface-Enhanced Raman Spectroscopy: Ag Island Films and Ag Film Over Polymer Nanosphere Surfaces Supported on Glass," <i>J. Phys. Chem.</i> , Volume 99(3), August 1, 1993, pages 2101-2115.
	AC	Levlin et al., "Evaporation of Gold Thin Films on Mica: Effect of Evaporation Parameters", <i>Applied Surface Science</i> , Volume 115, 1997, pages 31-38.
	AD	Hulteen et al., "Nanosphere Lithography: Size-Tunable Silver Nanoparticle and Surface Cluster Arrays", <i>J. Phys. Chem. B</i> 1999, Volume 103, pages 3854-3863.
	AE	Jensen et al., "Nanosphere Lithography: Surface Plasmon Resonance Spectrum of a Periodic Array of Silver Nanoparticles by Ultraviolet - Visible Extinction Spectroscopy and Electrodynamics Modeling", <i>J. Phys. Chem. B</i> 1999, Volume 103, pages 2394-2401.
	AF	Jensen et al., "Nanosphere Lithography: Effect of the External Dielectric Medium on the Surface Plasmon Resonance Spectrum of a Periodic Array of Silver Nanoparticles", <i>J. Phys. Chem. B</i> , 1999, Volume 103, pages 9846-9853.
	AG	Link et al., "Shape and Size Dependence of Radiative, Non-Radiative and Photothermal Properties of Gold Nanocrystals", <i>Int Reviews in Physical Chemistry</i> , 2000, Volume 19, No. 3, pages 409-453.
	AH	Haynes et al., "Nanosphere Lithography: A Versatile Nanofabrication Tool for Studies of Size-Dependent Nanoparticle Optics", <i>J. Phys. Chem. B</i> , 2001, Volume 105, pages 5599-5611.
	AI	Malinsky et al., "Nanosphere Lithography: Effect of Substrate on the Localized Surface Plasmon Resonance Spectrum of Silver Nanoparticles", <i>J. Phys. Chem. B</i> , 2001, Volume 105, pages 2343-2350.
	AJ	Malinsky et al., "Chain Length Dependence and Sensing Capabilities of the Localized Surface Plasmon Resonance of Silver Nanoparticles Chemically Modified with Alkanethiol Self-Assembled Monolayers", <i>J. Am. Chem. Soc.</i> , 2001, Volume 123, pages 1471-1482.
Thm	AK	Levlin et al., "Evaporation of Silver Thin Films on Mica," <i>Applied Surface Science</i> Volume 171, 2001, Pages 257-264.

Examiner  
Signature

Date  
Considered

3/4/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

In place of  
PTO-14a  
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U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	09/852992
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Filing Date	05/10/2001
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Applicant(s)	Weimer
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Art Unit	1762
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Examiner Name	Unknown
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Attorney Docket Number:	34003.30
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**SHEET**

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## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

## OTHER PRIOR ART

[illegible]

**Examiner  
Signature**

Date  
Considered

3/4/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. \* Include a copy of this form with next communication to applicant.

## PATENT APPLICATION

FORM PTO-1449  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO. 50767-P013US-10102765	SERIAL NO. Unknown
	APPLICANT Wayne Weimer	
	FILING DATE May 10, 2001	ART UNIT Unknown

11033 U.S. PTO  
09/852992  
05/10/01

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
THM	5,567,628	Oct. 22, 1996	Tarcha et al.	436	525	
THM	5,609,907	Mar. 11, 1997	Natan	427	2.12	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

THM		Nanosphere Lithography: tunable Localized Surface Plasmon Resonance Spectra of Silver Nanoparticles by Traci R. Jensen et al., Dept. of Chemistry, Northwestern University, Evanston, IL, Published on Web 10/21/00
		Surface-Enhanced Raman Scattering by Alan Campion et al., Chemical Society Reviews, 1998, volume 27
		Raman Spectroscopy by Shawn P. Mulvaney et al., Analytical Chemistry, Vol. 72, No. 12, June 15, 2000
THM		Thin films by Regular Patterns of Metal Nanoparticles: Tailoring the Optical Properties by Nanodesign by W. Gotschy et al., Applied Physics B, Spring 1996
Examiner	Date Considered 3/4/04	